ALBERTO URSINO

Software Engineer

CONTACT

- albertoursino98@gmail.com
- GitHub profile
- LinkedIn profile

ABOUT ME

Software Engineering

Machine Learning Engineering

Web Development

Data Engineering

Data Analysis

Android Development

Tools

VSCode, Git, Poetry, pre-commit, Fork, DVC, Linux, Windows, LaTeX

Programming languages

Python, Java, C++

Work style

I love writing code. I feel comfortable working in a team, but also alone. I find the agile software development to be the most effective approach for my work.

Looking for

Hybrid or remote job from anywhere, with a preference for Portugal, Austria, Germany, and Switzerland. I am searching for a position where I can improve my coding skills.

WORK EXPERIENCE

Machine Learning Engineering Intern
12/23 - 05/24
Infineon Technologies - Villach, Austria

I worked in the same data science team and my goal was to refactor and adapt a ML pipeline within an Infineon internally developed AI framework. The pipeline has several stages and it aims to train a CNN in classifying defects from wafer test images. I coded with **Python** and widely used **Git**, **DVC** and **TensorFlow**.

Data Engineering Intern
09/23 - 12/23
Infineon Technologies - Villach, Austria

I worked in a data science team and my assignments were to explore and implement new methods to enhance the communication and data exchange among different software components. I coded in **Python** and widely used **Git** and **Pandas**. I also worked with **OpenShift** and developed parts of an **API**.

Data Analysis Intern
03/23 - 06/23
Swegon Operations Srl - Cantarana di Cona, Italy

University internship on which I wrote my Master thesis. I was supervised by Prof. Fabio Vandin, and our goal was to investigate the feasibility of introducting anomaly detection in heat pump machines. In particular, we designed a ML pipeline to train a clustering model and an outlier detection algorithm for identifying anomalies in a time-series dataset. We coded in **Python** and widely used **Git**, **DVC**, **Pandas**, and **scikit-learn**.

Full Stack Developer
05/22 - 05/23
GloobETF - Montebelluna, Italy

First working experience. I worked as a freelancer for a financial advisor, teaming up with a former university colleague and a project manager. We developed a web application (named Portafoglio Protetto) using **Django**. The web app is intended for investors, and aims to provide and recommend high-performance securities, and facilitate the management of a financial portfolio. With this project I also learned to code in **JavaScript** and **HTML**.

EDUCATION

Master's degree in Computer Engineering
2021 - 2024
University of Padua, Italy

Certification on .Bestr here

Bachelor's degree in Computer Engineering
2017 - 2021
University of Padua, Italy

Certification on .Bestr here

Scientific high school diploma
Liceo Primo Levi of Montebelluna, Italy

CERTIFICATIONS

Safety Course - High Risk Class
University of Padua

23 Nov 2022

English B2 - Speaking
University of Padua

15 Sept 2022

Certification on .Bestr here

English B2 - Reading and Listening
University of Padua

29 June 2020

Certification on .Bestr here

July 14, 2024